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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | | | |
|--|--|------------------------|---------------------|
| | | Application No. | 09/881,218 |
| | | Filing Date | June 13, 2001 |
| | | First Named Inventor | Liu |
| | | Art Unit | 2872 |
| | | Examiner Name | Joshua L. Pritchett |
| Total Number of Pages in This Submission | | Attorney Docket Number | 42390P11429 |

ENCLOSURES (check all that apply)

| | | |
|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to Group |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input checked="" type="checkbox"/> Amendment / Response | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Terminal Disclaimer | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Request for Refund | <input type="checkbox"/> Return postcard |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> CD, Number of CD(s) | |
| <input type="checkbox"/> PTO/SB/08 | | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | | |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application | | |
| <input type="checkbox"/> Basic Filing Fee | | |
| <input type="checkbox"/> Declaration/POA | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |
| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------|--|
| Firm or Individual name | Gregory D. Caldwell, Reg. No. 39,926 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP |
| Signature | |
| Date | November 22, 2005 |

CERTIFICATE OF MAILING/TRANSMISSION

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| Typed or printed name | Gigi Hoover |
| Signature | |
| Date | November 22, 2005 |

Based on PTO/SB/21 (04-04) as modified by Blakely, Sokoloff, Taylor & Zafman (wfr) 06/04/2004.
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NOV 28 2005

FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

| | |
|-------------------------|-------|
| TOTAL AMOUNT OF PAYMENT | (\\$) |
|-------------------------|-------|

| Complete if Known | |
|----------------------|---------------------|
| Application Number | 09/881,218 |
| Filing Date | June 13, 2001 |
| First Named Inventor | Liu |
| Examiner Name | Joshua L. Pritchett |
| Art Unit | 2872 |
| Attorney Docket No. | 42390P11429 |

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order None Other (please identify): _____

Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayment of fee(s) Credit any overpayments
under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

FEE CALCULATION

| Large Entity | Small Entity |
|--------------|--------------|
| Fee Code | Fee Code |
| Fee (\$) | Fee (\$) |

| Fee Code | Fee (\$) | Fee Description | Fee Paid |
|----------|----------|---|----------|
| 1051 | 130 | 2051 65 Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 25 Surcharge - late provisional filing fee or cover sheet. | |
| 2053 | 130 | 2053 130 Non-English specification | |
| 1251 | 120 | 2251 60 Extension for reply within first month | |
| 1252 | 450 | 2252 225 Extension for reply within second month | |
| 1253 | 1,020 | 2253 510 Extension for reply within third month | |
| 1254 | 1,590 | 2254 795 Extension for reply within fourth month | |
| 1255 | 2,160 | 2255 1,080 Extension for reply within fifth month | |
| 1401 | 500 | 2401 250 Notice of Appeal | |
| 1402 | 500 | 2402 250 Filing a brief in support of an appeal | |
| 1403 | 1,000 | 2403 500 Request for oral hearing | |
| 1451 | 1,510 | 2451 1,510 Petition to institute a public use proceeding | |
| 1460 | 130 | 2460 130 Petitions to the Commissioner | |
| 1807 | 50 | 1807 50 Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 180 Submission of Information Disclosure Stmt | |
| 1809 | 790 | 1809 395 Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 1810 | 790 | 2810 395 For each additional invention to be examined (37 CFR § 1.129(b)) | |

Other fee (specify) _____

SUBTOTAL (2) (\$)

| SUBMITTED BY | | Complete (if applicable) | | |
|-------------------|---------------------|--------------------------------------|--------|--------------------------|
| Name (Print/Type) | Gregory D. Caldwell | Registration No. (Attorney/Agent) | 39,926 | Telephone (503) 439-8778 |
| Signature | | | Date | 11/22/05 |

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (wfr) 12/15/2004.
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Liu et al.

Serial No. 09/881,218

Group Art Unit: 2872

Filed: June 13, 2001

Examiner: Joshua Pritchett

For: METHOD AND APPARATUS FOR
TUNING A BRAGG GRATING IN A
SEMICONDUCTOR SUBSTRATECommissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313 on

November 22, 2005 Date of Deposit
Gigi Hoover Name of Person Mailing Correspondence
Gigi Hoover Signature 11-22-05 Date

RESPONSE UNDER 37 C.F.R. § 1.116

Sir:

This paper is responsive to the final Office Action mailed on August 22, 2005. Reconsideration of the rejected claims is respectfully solicited.